

AMENDMENTS TO THE CLAIMS:

Claims 1 to 17 (cancelled)

18. (original) A suction device comprising:

a) a suction cup;

b) a pulling bar, the pulling bar comprising:

a first end coupled to the suction cup; and

an opposed second end;

c) a cover having a spiral guiding ring with a flange; and

d) a spiral guiding and locking cap having a rib and a step;

wherein the spiral guiding and locking cap is rotatably coupled to the spiral-guiding ring
so that the rib rides along the flange when rotated until the flange engages the step;

wherein the spiral guiding and locking cap is rotatably coupled to the second end of the
pulling bar; and

wherein the spiral guiding and locking cap is turned less than 360 degrees to reach a fully
engaged condition.

19. (original) The apparatus of claim 18 wherein:

the spiral guiding and locking cap further comprises a detent; and

upon rotation of the spiral guiding and locking cap, the detent engages the flange to hold the spiral
guiding and locking cap in place.

20. (original) The apparatus of claim 19 wherein:

the spiral guiding ring further comprises a step;

the spiral guiding and locking cap further comprises a tab; and

wherein the step engages the tab to prevent rotation of the spiral guiding and locking cap
beyond the fully engaged condition.

21. (original) The apparatus of claim 18 wherein the spiral guiding and locking ring further comprises:

an exterior surface; and

a lever coupled to the exterior surface.

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22. (new) A suction device comprising:

a) a suction cup;

b) a pulling bar, the pulling bar comprising:

a first end coupled to the suction cup;

10 a male thread; and

an opposed second end;

c) a cover having a spiral guiding ring, the spiral guiding ring having a flange;

15 d) a spiral guiding cap having a rib, the spiral guiding cap being rotatably coupled to the spiral-guiding ring so that the flange moves along the rib when the spiral guiding cap is rotated; and

e) a locking cap coupled to the second end of the pulling bar, the locking cap having a head positionable against the spiral guiding cap and a female thread engageable with the male thread of the pulling bar; and

20 wherein the spiral guiding cap is turned less than 360 degrees to reach a fully engaged condition.

23. (new) The apparatus of claim 22 wherein:

the spiral guiding cap further comprises a detent; and

25 upon rotation of the spiral guiding cap, the detent engages the flange to hold the spiral guiding cap in place.

24. (new) The apparatus of claim 22 wherein the spiral guiding cap is turned less than 90 degrees to reach the fully engaged condition.

5 25. (new) The apparatus of claim 22 wherein the spiral guiding cap further comprises a lever.

26. (new) A suction device comprising:

a) a suction cup;

b) a pulling bar, the pulling bar comprising:

10 a first end coupled to the suction cup;

a female thread; and

an opposed second end;

c) a cover having a spiral guiding ring, the spiral guiding ring having a flange;

15 d) a spiral guiding cap having a rib, the spiral guiding cap being rotatably coupled to the spiral-guiding ring so that the flange moves along the rib when the spiral guiding cap is rotated; and

e) a locking cap coupled to the second end of the pulling bar, the locking cap having a head positionable against the spiral guiding cap and a male thread engageable with the female thread of the pulling bar; and

20 wherein the spiral guiding cap is turned less than 360 degrees to reach a fully engaged condition.

27. (new) The apparatus of claim 26 wherein:

the spiral guiding cap further comprises a detent; and

25 upon rotation of the spiral guiding cap, the detent engages the flange to hold the spiral guiding cap in place.

28. (new) The apparatus of claim 26 wherein the spiral guiding cap is turned less than 90 degrees to reach the fully engaged condition.

5 29. (new) The apparatus of claim 26 wherein the spiral guiding cap further comprises a lever.

30. (new) A suction device comprising:

a) a suction cup;

b) a pulling bar, the pulling bar comprising:

10 a first end coupled to the suction cup;

a boss; and

an opposed second end;

c) a cover having a spiral guiding ring, the spiral guiding ring having a flange;

15 d) a spiral guiding cap having a rib, the spiral guiding cap being rotatably coupled to the spiral-guiding ring so that the flange moves along the rib when the spiral guiding cap is rotated; and

e) a locking cap coupled to the second end of the pulling bar, the locking cap having a head positionable against the spiral guiding cap and a detent engageable with the boss of the pulling bar; and

20 wherein the spiral guiding cap is turned less than 360 degrees to reach a fully engaged condition.

31. (new) The apparatus of claim 30 wherein:

the spiral guiding cap further comprises a detent; and

25 upon rotation of the spiral guiding cap, the detent engages the flange to hold the spiral guiding cap in place.

32. (new) The apparatus of claim 30 wherein the spiral guiding cap is turned less than 90 degrees to reach the fully engaged condition.

5 33. (new) The apparatus of claim 30 wherein the spiral guiding cap further comprises a lever.

34. (new) A method of attaching an object to a flat surface, the method comprising:
obtaining an apparatus according to claim 22;
placing the apparatus against the flat surface; and
10 rotating the spiral guiding cap less than 360 degrees to stick the apparatus to the flat surface.